

Proposed 2016-2017 Conservation Compliance Target and 10-Year Compliance Plan



Presentation to Chelan PUD Board of Commissioners
November 16, 2015



Overview

- No action requested
- Purpose of the Conservation Potential Assessment (CPA)
- Review results of the 2016-2017 CPA
- Review proposed 2016-2017 target and 10-year plan
- Review proposed programs for 2016 and associated budget



Conservation Potential Assessment

- To identify achievable cost-effective conservation potential
- RCW19.285.040 (1)(a) “...using methodologies consistent with the Pacific Northwest electric power and conservation planning council in its most recently published power plan, each qualifying utility shall identify its achievable cost-effective conservation potential...”
- RCW19.285.040 (1)(b) “...each qualifying utility shall establish and make publicly available a biennial acquisition target for cost-effective conservation consistent with its identification of achievable opportunities in (a) of this subsection, and meet that target in the subsequent two-year period...”



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Chelan PUD's CPA Meets the Standard

- WAC 194-37-070 (6)(a) Utility Specific Analysis/Conservation Potential Assessment: “The NWPCC's analytical methodology for establishing the conservation resource potential and conservation targets for the Northwest power system is outlined in procedures (a)(i) through (xv) of this subsection. A utility that chooses this option will document that it established a ten-year potential using an analytical methodology consistent with these NWPCC procedures (a)(i) through (xv) of this subsection:”
- The 2016-2017 CPA documents how these criteria are met.



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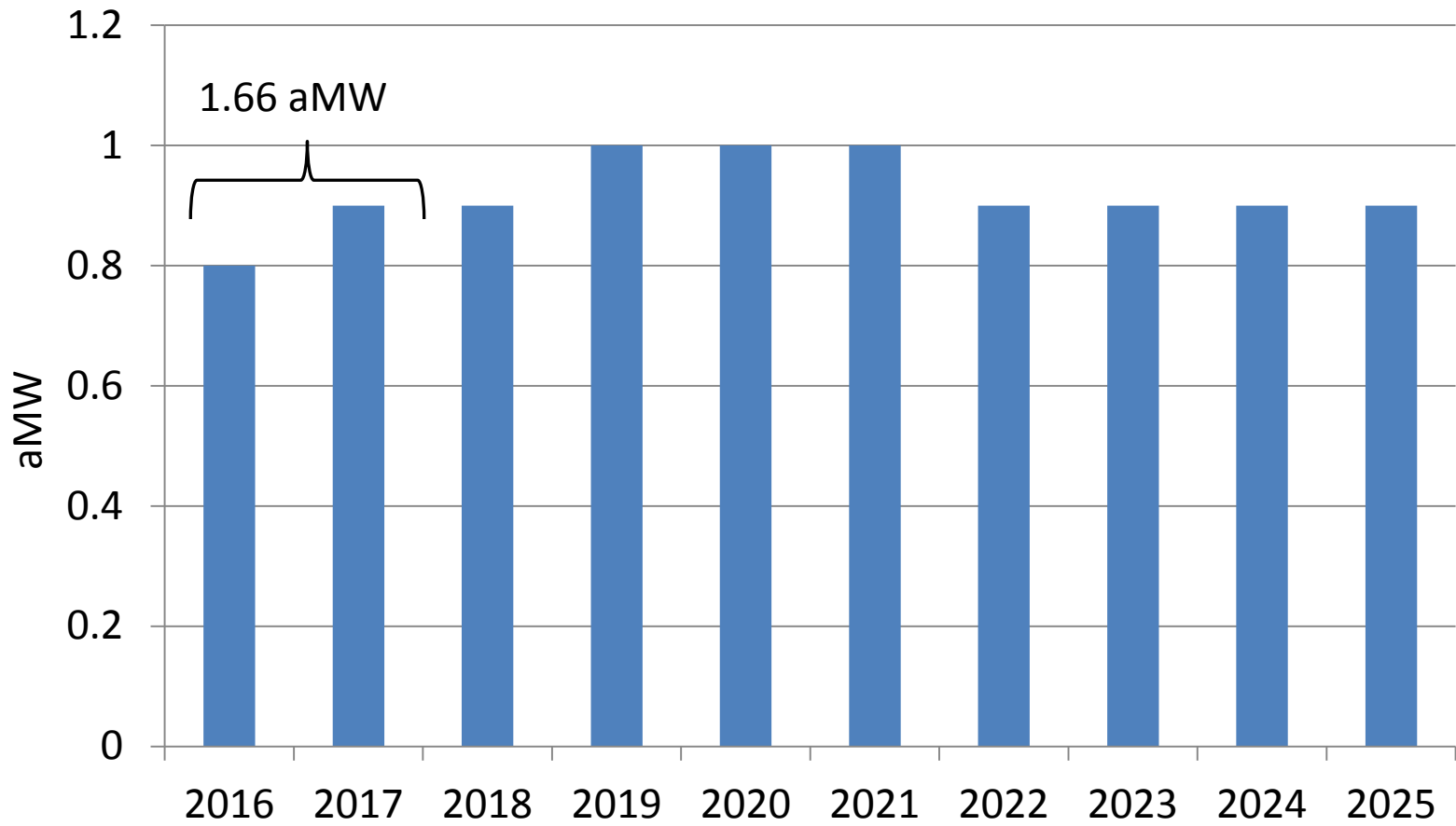
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CPA Results

- 2016-2017 potential is 1.66 aMW
- 20% reduction from 2014-2015 (2.08 aMW)
- Key drivers
 - Lower avoided costs (energy market)
 - Code changes (e.g. no more incandescent bulbs)
 - Recent achievements
 - Deemed measure savings from the Regional Technical Forum were revised
 - Updated customer characteristics data

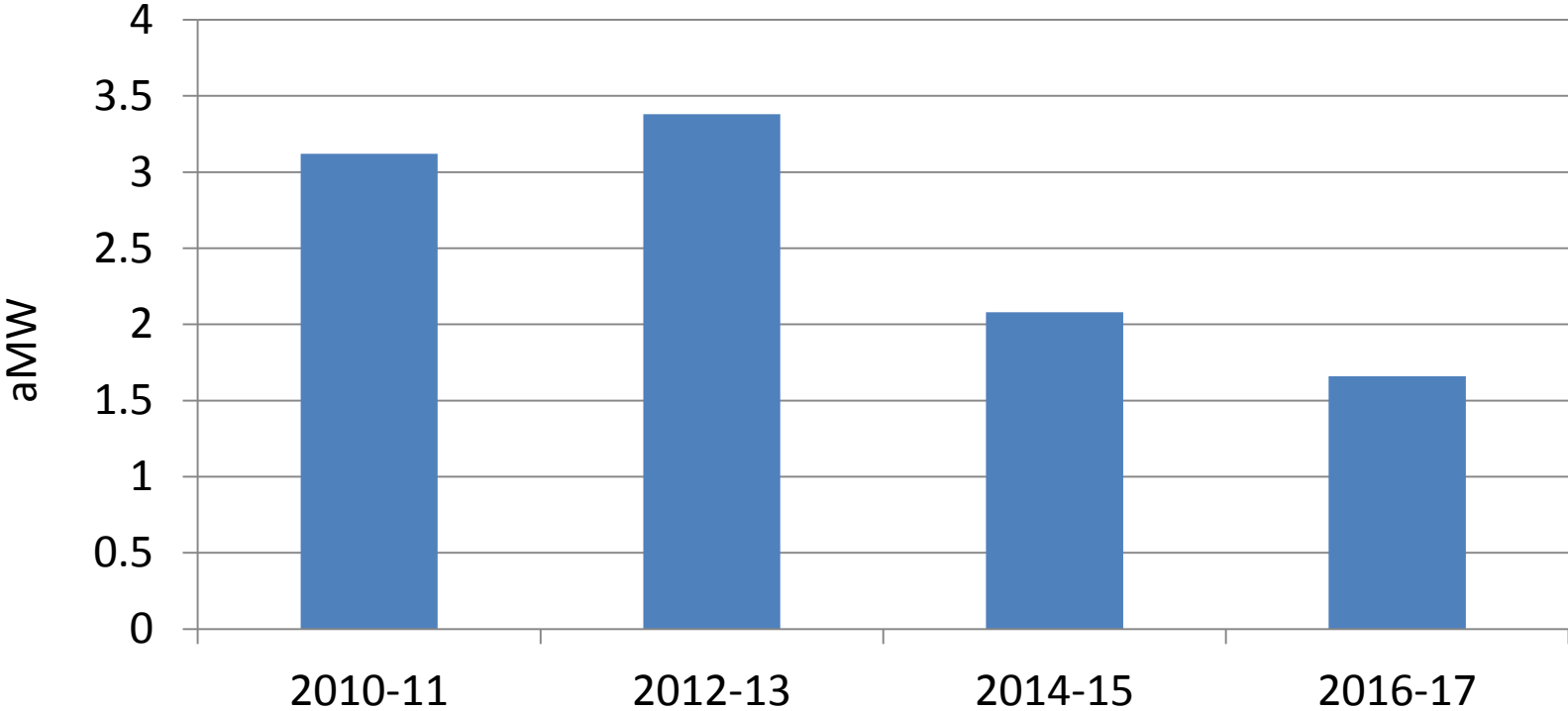


Achievable 10-Year Savings Plan



Comparison of I-937 Compliance Targets by Biennium

Compliance Target (aMW)



2016 Residential Programs

Existing

- Weatherization
- Low-income weatherization
- Appliances
- Refrigerator/freezer recycling
- Manufactured home duct sealing
- Simple Steps/Smart Savings
- Ductless heat pumps
- Heat pump water heaters
- Air Source HP conversion
- NEEM manufactured homes



Proposed

- NW Energy Star new construction
- Residential direct installations
- Mail-in by-request showerheads, LED lamps
- Smart powerstrips



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2016 Commercial Programs

General

- Lighting
- Energy Smart Grocer
- Energy Smart Business
- Strategic Energy Management
- Custom measures/HVAC



Local Govt. Initiatives

- Chelan County Justice Ctr
- Town Toyota Center LEDs
- City of Cashmere Offices
- Wenatchee School District
- Cascade School District
- City of Wenatchee
- City of Entiat



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2016 Industrial Programs



- Lighting
- Custom measures



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2016 Regional Program

Northwest Energy Efficiency Alliance



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Schedule

- Nov. 16 (today) – Commission study session to review CPA, proposed 2-year target and 10-year plan
- Dec. 7 – Publicly advertised Commission business session to request approval of proposed 2-year target and 10-year plan
- By Dec. 31 - Submit target and plan to Commerce per WAC 194-37-070(1) and (2)



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Questions?

